Summary of Happiness and Suicide Rate Analysis for the Year 2015

1. Will the happiest countries have the least suicides? Are there any happiness factors that predict suicide rates in 2015?
    a. The data showed that there is no significant relationship between a country's happiness ranking in 2015 and the number of suicides they had per 100k population of that same year
    b. Additionally, we found that no individual happiness factor had a significant influence on the number of suicides per 100k population which reinforced our initial finding. Neither the overall happiness score nor the individual factors are significant influencers for number of suicides they had per 100k population of that same year

2. Does GDP & Generosity correlate to happiness?
    a. The proverb goes, "Money is the root of all evil." We decided to take a closer look at the Economic Outlook predictor of Happiness, how it influenced the overall Generosity of a country, and whether either, or both of these predictors show any relationship to the rate of suicide within that country.
    b. While there was strong correlation and significance between the Economic Outlook and Generosity, neither of the predictors established a significant relationship to suicide rate.

3. What predictor has the closest correlation to happiness?
    a. It's evident based on the data, the sense of freedom one feels, most closely correlates with the happiness score from our data set. Freedom was closely followed by GDP per capita, family, generosity and health.
    b. The data also showed that none of the predictors that most strongly influence one's sense of happiness had a strong correlation with the number of suicides in a given country.

4. What geographical area is the happiest?
    a. To look at this data we must first combine the countries into their regional areas. Once that was completed we needed to figure out which of the two figures for suicide, the sum for all of the countries or the population per capita would be the best way to analyze our data. Because different regions are populated more or less densely due to the climates we decided the best factor to use was per capita.
    b. Next we analyzed how governmental trust and the overall feeling of freedom played into each regional area's suicides per capita. Here it seemed there might be the strongest correlation yet.Visually comparing Governmental Trust pie chart to the Suicides by population you can see somewhat of a correlation that indicates there might be some between less Trust and more Suicides. However, when we graph these two pieces together it becomes obvious there are no correlations between these.